Index of Claims



Application/Control No.

10/508,790

Examiner

Ronald W. Leja

Applicant(s)/Patent under Reexamination

HENRY FRANKE ET AL.

Art Unit

2836

| - | Allowed |
|---|----------|
| 1 | Rejected |

| _ | (Through numeral) Cancelled |
|---|--------------------------------|
| Ļ | Restricted |

| | N | Non-Elected |
|---|---|--------------|
| - | _ | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| Claim | _ | Date | | | | | | | Claim Dat | | | | | Dat | e | | | | |
|-------|----------|----------------------------------------|--------------------------------------------------|--------------------------------------------------|----------|--------------|----------|------------|--------------|---|-------|----------|----------|---------------|----------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|---|
| Final | 11/2/2/ | 144/10 | | | | | | | | | Final | Original | | | | | | | |
| 1 | 1 | X | ╁ | \vdash | ┢ | - | \vdash | \vdash | | | | 51 | \dashv | + | + | ┼- | - | - | ╁ |
| 2 | +} | + | | H | H | ┢ | - | \vdash | | | | 52 | _ | + | + | ┼- | - | — | ╁ |
| 3 | 1/ | X | | \vdash | | | _ | ┢ | | | | 53 | | \dashv | + | \vdash | ├ | ╁ | t |
| 4 | - | + ;- | _ | \vdash | T | \vdash | \vdash | \vdash | | | | 54 | | + | + | - | - | \vdash | H |
| 5 | 77 | | T | Г | | | | 一 | - | | | 55 | \neg | \dashv | + | Т | | \vdash | t |
| 6 | 11 | | | | _ | | | | | | | 56 | - | 一 | | T | | \vdash | T |
| 7 | 77 | | | | Г | Г | Г | _ | | | | 57 | \neg | \neg | | Т | | \vdash | T |
| 8 | П | | | | | T | | | | | | 58 | | _ | 1 | T | Г | | T |
| 9 | П | | | | | | | | | | | 59 | | $\neg \neg$ | | П | П | | Γ |
| 10 | | | | | | | | | | | | 60 | | | | T | | | T |
| 11 | | | | | | | | | | | | 61 | | | | | | | Γ |
| 12 | | | | | | | | | | | | 62 | | | | | | | Γ |
| 13 | | | | _ | _ | | L | | | | | 63 | | | | | | | L |
| 14 | | \perp | | | <u></u> | | L | L | | | | 64 | | | | | | | L |
| 15 | <u> </u> | 1_ | _ | | <u> </u> | _ | | _ | | | | 65 | | \perp | <u> </u> | <u> </u> | _ | L | L |
| 16 | | | <u> </u> | | <u> </u> | | | L | L | | | 66 | | | 4_ | L | | | L |
| 17 | | <u> </u> | 1_ | | L_ | _ | | L. | | | | 67 | Ш. | | | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ld}}}}}}$ | | ┖ |
| 18 | | _ | 1 | ! | <u> </u> | _ | L. | L. | | | | 68 | | _ _ | | L | _ | | L |
| 19 | | ــــــــــــــــــــــــــــــــــــــ | _ | | <u> </u> | ļ | <u> </u> | <u> </u> | _ | - | | 69 | | _ _ | | _ | | | ┖ |
| 20 | | - | ↓ | | | | _ | <u> </u> | _ | | | 70 | | _ - | | <u> </u> | _ | | L |
| 21 | | + | _ | | _ | _ | _ | <u> </u> | <u> </u> | | | 71 | | _ _ | - | <u> </u> | _ | ļ | Ļ |
| 22 | + | + | ┼ | _ | _ | <u> </u> | | <u> </u> | L | | | 72 | | - - | | ļ., | <u> </u> | <u> </u> | ╀ |
| 23 | | | ┼— | - | | - | ⊢ | ⊢ | ⊢ | | | 73 | | - | | - | ├- | <u> </u> | ╀ |
| 25 | | ┿ | + | - | | \vdash | H | ⊢ | | | | 74 | - | - | | - | ⊢ | <u> </u> | ╀ |
| 26 | + | | ┼ | | <u> </u> | ├ | ├ | ⊢ | ⊢ | | | 75 76 | - | + | + | - | | | ╀ |
| 27 | | | + | | - | | ⊢ | H | ┢ | | | 77 | | + | + | ┼- | | ├ | ╀ |
| 28 | | +- | +- | | - | - | ├ | ├ | ⊢ | | | 78 | | + | + | ╁ | ┝ | | ╁ |
| 29 | + | + | + | | - | \vdash | ┢ | - | | | | 79 | \dashv | | | \vdash | ├─ | \vdash | ╁ |
| 30 | | +- | 1 | - | ┢╌ | ┢ | \vdash | | | | | 80 | | - - | +- | t | \vdash | \vdash | ╁ |
| 31 | | ╁ | \vdash | _ | _ | \vdash | \vdash | - | - | | | 81 | - | - - | +- | \vdash | \vdash | \vdash | + |
| 32 | \top | 1 | \vdash | \vdash | \vdash | \vdash | | | \vdash | | | 82 | \dashv | + | + | - | ┝一 | | ╁ |
| 33 | | 1 | 1 | T | | | | | | | | 83 | \dashv | \neg | + | † | - | | t |
| 34 | | ┪ | | _ | | | | \vdash | | | | 84 | | _ | 1 | | | ┢ | t |
| 35 | | \top | | | | | | | | | | 85 | | \neg | _ | | T | T | T |
| 36 | | \top | Г | | | | | | | | | 86 | | | 1 | | Г | Г | T |
| 37 | | | T | | | | | | | | | 87 | | _ | 1 | | | Г | T |
| 38 | | | | | | | | | | | | 88 | | $\neg \vdash$ | 1 | | | Г | T |
| 39 | | | | | | | | | | | | 89 | | | | | | | Π |
| 40 | | | | L. | | | | | | | | 90 | | \perp | | | | Ŀ | Г |
| 41 | | | <u> </u> | | L | | | | | | | 91 | | | | | | | L |
| 42 | | | | 닟 | | | | | <u> </u> | | | 92 | | | | | | | L |
| 43 | | | ┖ | <u> </u> | _ | | | | <u> </u> | | | 93 | | \perp | 丄 | | L | | ┖ |
| 44 | | + | \vdash | <u> </u> | <u> </u> | | _ | _ | <u> </u> | | | 94 | \sqcup | 4 | \perp | <u> </u> | L | L_ | 1 |
| 45 | | + | ļ., | <u> </u> | | | <u> </u> | _ | <u> </u> | | | 95 | | \perp | \perp | <u> </u> | <u> </u> | L_ | L |
| 46 | | | _ | ļ | \vdash | <u> </u> | <u> </u> | <u>L</u> . | <u> </u> | | | 96 | | 4 | 4_ | <u> </u> | ┞ | ļ | 1 |
| 47 | | + | 1 | <u> </u> | <u> </u> | _ | | | | | | 97 | _ | \bot | \bot | <u> </u> | ┞ | <u> </u> | Ļ |
| 48 | | + | | \vdash | \vdash | <u> </u> | | <u> </u> | \vdash | | | 98 | \dashv | | ┼ | <u> </u> | <u> </u> | _ | L |
| 49 | | + | ├- | \vdash | \vdash | <u> </u> | | _ | - | | | 99 | \dashv | - - | +- | <u> </u> | ⊢ | | L |
| 50 | | | | <u></u> | <u></u> | | <u></u> | | | | | 100 | | | | | | L_ | L |

| Cla | Date | | | | | | | | | | |
|--------------|----------|----------|----------|--------------|--------------------------------------------------|----------|----------|----------|-------------------------------------|--------------|--|
| | = | | | | - | | | | _ | _ | |
| Final | Original | | | | | | | | | | |
| | 51 52 | | | | _ | - | _ | | | | |
| | 52 | | \vdash | | \vdash | | | ╁─ | \vdash | \vdash | |
| | 53 | | _ | | _ | - | - | - | <u> </u> | \vdash | |
| | 53 | | _ | ļ., | <u> </u> | - | | _ | <u> </u> | <u> </u> | |
| \vdash | 54 55 | _ | _ | | | _ | _ | | Ļ | <u> </u> | |
| | 55 | _ | L | _ | | _ | L | | <u></u> | | |
| | 56 | | | | | | | | | | |
| | 57 | | | | | | | | | L | |
| | 58 | | | | | | | | | | |
| | 59 | | | | | | | | | | |
| | 60 | | | | | | | | | | |
| | 61 | | | | | | | | | | |
| | 62 | | | | | | | | | | |
| | 62 63 | | | | | | | | | | |
| | 64 | | Г | | | П | | | _ | | |
| | 65 | _ | | Г | T | П | | | Ι | Ι | |
| - | 66 | | \vdash | | | _ | | \vdash | \vdash | \vdash | |
| | 67 | | | \vdash | _ | \vdash | | | | | |
| | 68 | | - | \vdash | - | | | | | ┢ | |
| \vdash | 69 | | ┝ | - | - | | _ | | - | | |
| - | 70 | _ | ┢ | | | - | | | - | \vdash | |
| - | 71 | - | - | | ├ | - | | | | ┝ | |
| | 72 | - | - | - | - | \vdash | - | | | ├ | |
| | 72 | _ | - | | | | | - | \vdash | ┝ | |
| - | 73 74 | \vdash | ┢ | - | | - | - | _ | _ | ┝ | |
| - | 75 | Н | - | | - | - | | | - | | |
| | 76 | | ⊢ | - | _ | | | | | | |
| _ | 76 77 | | \vdash | | | - | - | | - | ┝ | |
| | 79 | | | | | - | _ | | - | _ | |
| \vdash | 78 79 | _ | - | - | - | _ | _ | | H | | |
| \vdash | 80 | - | - | | | | | | | <u> </u> | |
| 1 | 00 | _ | - | - | _ | \vdash | | | - | <u> </u> | |
| <u> </u> | 81 | | ├— | <u> </u> | ├ - | | | | <u> </u> | <u> </u> | |
| — | 82 | - | <u> </u> | | <u> </u> | <u> </u> | | - | \vdash | _ | |
| \vdash | 83 | <u> </u> | | - | <u> </u> | | | <u> </u> | \vdash | <u> </u> | |
| \vdash | 84 | | _ | | <u> </u> | | <u> </u> | _ | <u> </u> | | |
| | 85 | | _ | | <u> </u> | L | _ | <u> </u> | \vdash | <u> </u> | |
| \vdash | 86 | _ | <u> </u> | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | L. | |
| <u> </u> | 87 | \Box | <u> </u> | <u> </u> | <u> </u> | _ | | <u> </u> | _ | | |
| | 88 | | _ | _ | <u> </u> | L | | | <u> </u> | L | |
| | 89 | | _ | _ | _ | | | _ | <u> </u> | | |
| \perp | 90 | | <u> </u> | _ | <u> </u> | | | Ŀ | lacksquare | | |
| <u> </u> | 91 | | <u> </u> | _ | \vdash | L | _ | <u> </u> | L_ | | |
| | 92 | | L_ | | | | | _ | | | |
| | 93 | | <u> </u> | _ | <u> </u> | | <u> </u> | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | | |
| | 94 | | <u> </u> | _ | <u> </u> | Ш | | L_ | _ | | |
| | 95 | | _ | | <u> </u> | L. | L_ | <u> </u> | _ | L | |
| | 96 | | | _ | _ | | _ | <u> </u> | <u> </u> | | |
| | 97 | | | _ | <u> </u> | | | L | | | |
| | 98 | | L | | <u> </u> | Ш | | | $oxed{oxed}$ | | |
| | 99 | | | _ | <u> </u> | | | _ | $oxed{oxed}$ | | |
| | 100 | | l | 1 | ĺ | | l | ı | ı | | |

| Claim | | Date | | | | | | | | | | |
|-------|---------------------------------|----------|----------|----------|--------------|----------|----------|--------------|----------|----------------|--|--|
| Final | Original | | | | | | | | | | | |
| | 101 | | | | | | | | | \dashv | | |
| | 102 | | | | | H | | | | \exists | | |
| | 102 103 | | \vdash | | | \vdash | | | | \dashv | | |
| | 104 | | | \vdash | | \vdash | | _ | | \neg | | |
| | 105 106 | | \vdash | | | | \Box | | | | | |
| | 106 | | | | | | | | | | | |
| | 107 | | | | | | | | | | | |
| | 108 109 | | | | | | | | | Ш | | |
| | 109 | L | | | | | L | | | | | |
| | 110 111 | | | _ | <u> </u> | _ | <u> </u> | _ | | Щ | | |
| | 111 | \vdash | H | - | _ | <u> </u> | <u> </u> | _ | \vdash | Н | | |
| | 112 | \vdash | | \vdash | <u> </u> | \vdash | _ | _ | \vdash | Н | | |
| | 113 114 115 | - | _ | - | - | \vdash | - | _ | | $\vdash\vdash$ | | |
| | 115 | - | - | - | - | - | - | | - | $\vdash\dashv$ | | |
| | 116 | | | | | | | | H | Н | | |
| | 116 117 118 | | | | | \vdash | | | | H | | |
| | 118 | | | | | _ | | _ | _ | | | |
| | 119 | | | \Box | | | | | | _ | | |
| | 120 | | | | | | | | | | | |
| | 121 122 123 | | | | | | | | | | | |
| | 122 | | | | | | | | | | | |
| | 123 | | | <u> </u> | | | | | | Ш | | |
| | 124 125 126 | _ | | _ | <u> </u> | | _ | | | _ | | |
| | 125 | | | _ | <u> </u> | | _ | | | Щ | | |
| | 126 | | | _ | <u> </u> | | <u> </u> | _ | | Н | | |
| | 127 128 129 130 131 | | | - | <u> </u> | | - | _ | _ | \vdash | | |
| | 120 | _ | | - | ├— | - | <u> </u> | _ | | Н | | |
| | 130 | | | ┢ | | \vdash | \vdash | - | | | | |
| | 131 | | _ | - | | - | - | | | \vdash | | |
| | 132 133 | | | | | | | | | \Box | | |
| | 133 | | | | | | | | | | | |
| | 134 | | | | | | | | | | | |
| | 135 136 | | | | | | | | | | | |
| | 136 | _ | _ | _ | | | | | | Ш | | |
| | 137 | | | Ш | <u> </u> | | | | | _ | | |
| | 138 139 | | _ | L- | <u> </u> | _ | _ | _ | | Н | | |
| | 140 | _ | _ | - | | _ | | | | \vdash | | |
| | 141 | | | | <u> </u> | \vdash | - | | | \vdash | | |
| | 142 | | - | - | H | - | \vdash | - | - | Н | | |
| | 143 | | | | - | | | | | \dashv | | |
| | 144 | _ | _ | | _ | | _ | _ | М | \dashv | | |
| | 145 | | | | | | | | | П | | |
| | 146 | | | | | | | | | | | |
| | 147 | | | | | | | | | | | |
| | 148 | | | | | | | | | | | |
| | 149 | L_ | <u> </u> | _ | L | Ш | | | Ш | Ш | | |
| | 150 | | | L | L | | | | | | | |